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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE nder the Paperwork Reduction Act of 1995, no persons are required to respond pilection of information unless it displays a valid OMB control number. **Application Number** 10/665.969 TRANSMITTAL Filing Date 2/20/2004 **FORM** First Named Inventor CHOU Art Unit (to be used for all correspondence after initial filing) **Examiner Name** Attorney Docket Number WMI001 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance communication Fee Transmittal Form Drawing(s) to Technology Center (TC) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC Petition Amendment/Reply (Appeal Notice, Brief, Reply Brief) Petition to Convert to a **Proprietary Information** After Final Provisional Application Power of Attorney, Revocation Affidavits/declaration(s) Status Letter Change of Correspondence Address Other Enclosure(s) (please Terminal Disclaimer Extension of Time Request Identify below): **Prior Art Documents** Request for Refund **Express Abandonment Request** CD, Number of CD(s) Information Disclosure Statement Remarks Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm CARY TOPE-MCKAY Individual name Signature

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/665,969			
Filing Date	9/18/2003			
First Named Inventor	CHOU			
Art Unit				
Examiner Name				
Attorney Docket Number	WWW.			

F	U. S. PATENT DOCUMENTS Examiner Cite Document Number Publication Date Name of Patentee or Pages, Columns, Lines, Where							
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (J known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear			
	1	^{US-} 6,046,659	04-04-2000	LOO, et al.				
	2	^{US-} 6,331,257	12-18-2001	LOO, et al.				
	3	^{US-} 6,842,097	01-11-2005	HSU, et al.				
	4	^{US-} 6,803,559	10-12-2004	HSU, et al.				
	5	^{US-} 6,667,245	12-23-2003	CHOW, et al.				
	6	^{US-} 5,121,089	06-09-1992	LARSON				
	7	^{US-} 5,578,976	11-26-1996	YAO				
	8	^{US-} 5,258,591	11-02-1993	BUCK				
	9	^{US-} 5,638,946	06-17-1997	ZAVRACKY				
	10	^{US-} 5,629,565	05-13-1997	SCHLAAK, et al.				
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code ^{3 -} Number ^{4 -} Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T°	
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Substitute for form 1449/PTO			Complete if Known			
				Application Number	10/665,969	
INF	ORMATION	DIS	CLOSURE	Filing Date	9/18/2003	
STATEMENT BY APPLICANT (Use as many sheets as necessary)				First Named Inventor	снои	
				Art Unit		
(USE as many sneets as necessary)		Examiner Name				
Sheet	2	of	2	Attorney Docket Number	WMI001	

		NON PATENT LITERATURE DOCUMENTS	.
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	Petersen, K.E. 1978, "Dynamic micromechanics on silison: techniques and devices."	
	2	Petersen, K.E, "Forming the Contact Surface of Micromechanical Switches", IBM J. Res. Develop., vol.23, No.4, Jul. 1979, pp.376-385	
	3	Daniel Hyman, Juan Lam, Brett Warneke, Adele Schmitz, T. Y. Hsu, Julia Brown, James Schaffner, Andy Walston, Robert Y. Loo, Mehran Mehregany, and Jae Lee, "Surface-micromachined RF MEMS switches on GaAs substrates," International Journal of RF and Microwave CAE, Vol. 9, No. 4, July 1999, pp. 348-361.	
	4	Y. Wang, Z. Li, D. T. McCormick, and N. C. Tien, "A Low-voltage Lateral MEMS Switch with High RF Performance," Journal of MicroElectroMechanical Systems (JMEMS), Vol. 13, No. 6, December 2004, pp. 902-911.	
	5	Yao, J.J., "RF MEMS from a device perspective", Journal Micromechanics and Microengineering 10: R9-R38, 2000	
	6	Zavracky, P.M., Majumdar, S., McGruer, N, 1997, "Micromechanical switches fabricated using nickel surface micromachining", Journal of Microelectromechannical Systems 6(1): 3-9	

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¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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